

THAT WHICH IS CLAIMED:

1. An overcap for sealing an opening of a container and reducing an amount of moisture within the container, the overcap comprising:
 - a top portion having an outside surface and having an inside surface opposite the outside surface, wherein the top portion is structured and arranged to cover the opening of the container such that the inside surface faces an interior of the container;
 - a connecting portion extending from the top portion of the overcap, wherein the connecting portion is structured and arranged to create a sealed interface with the container; and
 - the top portion including a top layer that defines the outside surface of the top portion and a drying agent layer positioned below the top layer such that the drying agent layer is exposed to moisture within the interior of the container and is operable to absorb moisture from the interior of the container.
2. An overcap according to claim 1, wherein the top portion and the connecting portion comprise polymer material and the drying agent layer includes a polymer material.
3. An overcap according to claim 2, wherein the overcap is formed from a coextruded sheet comprising the top layer and the drying agent layer.
4. An overcap according to claim 2, wherein the drying agent layer forms an innermost surface of at least the top portion of the overcap such that the drying agent layer is directly exposed to the interior of the container when the overcap is attached to the container.
5. An overcap according to claim 2, wherein the overcap includes multiple drying agent layers.
6. An overcap according to claim 1, further comprising a polymer layer, wherein the drying agent layer is positioned between the top layer and the polymer layer such that

moisture from the interior of the container passes through the polymer layer to the drying agent layer.

7. An overcap according to claim 1, further comprising a barrier layer, wherein the barrier layer is positioned between the top layer and the drying agent layer.

8. An overcap according to claim 1, wherein the drying agent layer is joined to the top layer of the top portion with an adhesive.

9. An overcap according to claim 1, wherein the top portion of the overcap defines a periphery and the connecting portion defines a skirt extending from the periphery of the top portion to a distal end.

10. An overcap according to claim 9, wherein the skirt encircles the drying agent layer.

11. An overcap according to claim 1, wherein the drying agent layer includes an oxygen scavenger.

12. A resealable container, comprising:

a container body formed by a wall and defining an opening in the wall such that the container body defines an interior of the container, wherein a rim encircles the opening; and

an overcap comprising:

a top portion having an outside surface and having an inside surface opposite the outside surface, wherein the top portion is structured and arranged to cover the opening of the container such that the inside surface faces an interior of the container;

a connecting portion extending from the top portion of the overcap, wherein the connecting portion is structured and arranged to attach to the rim of the container and to create a sealed interface with the container; and

the top portion including a top layer that defines the outside surface of the top portion and a drying agent layer positioned below the top layer such that the drying agent layer is exposed to moisture within the interior of the container and is operable to absorb moisture from the interior of the container.

13. A resealable container according to claim 12, wherein the container body is a paperboard tube.

14. A resealable container according to claim 13, wherein the rim of the container is a rolled bead.

15. A resealable container according to claim 12, wherein the top portion and the connecting portion comprise polymer material and the drying agent layer includes a polymer material.

16. A resealable container according to claim 15, wherein the overcap is formed from a coextruded sheet comprising the top layer and the drying agent layer.

17. A resealable container according to claim 15, wherein the overcap includes multiple drying agent layers.

18. A resealable container according to claim 12, the overcap further comprising a polymer layer, wherein the drying agent layer is positioned between the top layer and the polymer layer such that moisture from the interior of the container passes through the polymer layer to the drying agent layer.

19. A resealable container according to claim 12, further comprising a barrier layer, wherein the barrier layer is positioned between the top layer and the drying agent layer.

20. A resealable container according to claim 12, wherein the drying agent layer is joined to the top layer of the top portion with an adhesive.

21. A resealable container according to claim 12, wherein the drying agent layer includes an oxygen scavenger.

22. A method of manufacturing an overcap for a container, comprising the steps of:

coextruding a multilayered sheet having a top layer of polymer material and a drying agent layer; and

thermoforming the multilayered sheet into the overcap such that the top layer and drying agent layer define a top portion and a connecting portion of the overcap such that the drying agent layer is positioned below the top layer.

23. A method according to claim 22, further comprising the step of mixing a drying agent material with a polymer material to define the drying agent layer prior to coextruding the multilayered sheet.

24. A method according to claim 22, further comprising the step of connecting the overcap to a container, such that an opening of the container is sealed.

25. A method according to claim 22, wherein the coextruding step includes coextruding the sheet to have a barrier layer between the top layer.

26. A method according to claim 22, wherein the coextruding step includes coextruding the sheet to have a polymer layer below the drying agent layer, such that the drying agent layer is between the top layer and the polymer layer.

27. A method according to claim 26, wherein the coextruding step includes coextruding the sheet to have a second drying agent layer below the polymer layer, such that the multilayered sheet includes two drying agent layers.

28. A method of manufacturing an overcap for a container, comprising the steps of:

positioning a drying agent layer into a mold, wherein the drying agent layer includes a polymer material; and

injecting a thermoplastic polymer into the mold to form the overcap having a top portion with a top layer and a connecting portion extending from the top portion, such that the drying agent layer is included in the top portion and is positioned below the top layer.

29. A method of manufacturing an overcap for a container, comprising the steps of:

thermoforming a polymer layer to form the overcap having a top portion with a top layer and a connecting portion extending from the top portion, wherein the top layer defines an outside surface; and
joining a drying agent layer to a surface of the top layer opposite the outside surface.

30. A method according to claim 29, wherein the joining step further comprises the steps of applying an adhesive onto the surface of the top layer opposite the outside surface and pressing the drying agent layer onto the adhesive such that the drying agent layer joins the top layer.

31. A method according to claim 29, wherein the joining step further comprises the step of pressing the drying agent layer having an adhesive film onto the surface of the top layer opposite the outside surface such that the adhesive film joins the drying agent layer to the top layer.